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| FORM PTO-1449 (REV.7-80) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. 970054.478USPC | APPLICATION NO. 10/516,761 |
| INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | APPLICANT Aloys Wobben | | | |
| | | FILING DATE May 30, 2003 | GROUP ART UNIT | | |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|----------|---------|-------|----------|----------------------------|
| GA | AA | 5,272,431 | 12/21/93 | Nee | 320 | 2 | |
| GA | AB | 5,998,963 | 12/07/99 | Aarseth | 320 | 109 | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION |
|----|----|-----------------|----------|----------------------------|-------------|
| | | | | | YES NO |
| GA | AH | 2 259 505 | 06/06/74 | DE | |
| GA | AJ | 2 685 547 | 06/25/93 | FR (+ Abstract in English) | |
| GA | AJ | 42 29 687 A1 | 03/10/94 | DE (+ Abstract in English) | |
| GA | AK | 2 716 228 | 08/18/95 | FR (+ Abstract in English) | |
| GA | AL | 0 557 287 B1 | 03/27/96 | EP | |
| GA | AM | 195 27 216 A1 | 01/30/97 | DE (+ Abstract in English) | |
| GA | AN | 195 35 294 A1 | 03/27/97 | DE (+ Abstract in English) | |
| GA | AO | 2 353 151 A | 02/14/01 | GB | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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| AP | | |
| AQ | | |
| AR | | |

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| EXAMINER /Gertrude Arthur Jeanglaud/ | DATE CONSIDERED 02/13/2007 |
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* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).



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| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | | | ATTY. DOCKET NO. 970054.478USPC | APPLICATION NO. 10/516,761 |
| SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | | | APPLICANT Aloys Wobben | |
| | | | | FILING DATE September 14, 2005 | GROUP ART UNIT 3661 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|----------|---------------|-------|----------|----------------------------|
| GA | AA | 2003/0209375 | 11/13/03 | Suzuki et al. | 180 | 65.3 | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
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| | | | | | YES NO |
| GA | AK | 5-292608 | 11/05/93 | JP (+ Abstract in English) | |
| GA | AL | 6-48184 | 02/22/94 | JP (+ Abstract in English) | |
| GA | AM | 6-318288 | 11/15/94 | JP (+ Abstract in English) | |
| GA | AN | 7-39012 | 02/07/95 | JP (+ Abstract in English) | |
| GA | AO | 2001-57711 | 02/27/01 | JP (+ Abstract in English) | |

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IDS 05/19/2005

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
TSRI 890.1SERIAL NO.
10/516,761INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
Sharpless, et al.FILING DATE
11/30/2004GROUP
Not assigned

U.S. PATENT DOCUMENTS

| EXAM. INITIALS | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

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| GA | 1 | Mock, et al., "Catalysis by Cucurbituril. The Significance of Bound-Substrate Destabilization for Induced Triazole Formation", <u>J. Org. Chem.</u> 54: 5302-5308 (1989) |
| GA | 2 | Zanirato, P. "Reactivity of Aryl and Heteroaryl Azides with Vinylsilane and Alkynylsilane. Formation of C-Silylated 1,2,3-Triazolines and 1,2,3-Triazoles", <u>J. Chem. Soc. Perkin Trans. 1</u> : 2789-2796 (1991) |
| GA | 3 | Padwa, A. "Intermolecular 1,3-Dipolar Cycloadditions", in <u>Comprehensive Organic Chemistry</u> ; Trost, B.; ed.; pp. 1069-1109 (1991) |
| GA | 4 | Hlasta, et al., "Steric Effects on the Regioselectivity of an Azide-Alkyne Dipolar Cycloaddition Reaction: The Synthesis of Human Leukocyte Elastase Inhibitors", <u>J. Org. Chem.</u> 59: 6184-6189 (1994) |
| GA | 5 | Clarke, et al., "Preparation and pyrolysis of 1-(pyrazol-5-yl)-1,2,3-triazoles and related compounds", <u>J. Chem. Soc. Perkin Trans. 1</u> : 1799-1804 (1997) |
| GA | 6 | Booth, et al., "Efficient Recognition-induced acceleration of a [3+2] dipolar cycloaddition reaction", <u>Tetrahedron Lett.</u> 39: 6987-6990 (1998) |
| GA | 7 | Gothelf, et al., "Asymmetric 1,3-Dipolar Cycloaddition Reactions", <u>Chem. Rev.</u> 98: 863-909 (1998) |
| GA | 8 | Saxon, et al., "Cell Surface Engineering by a Modified Staudinger Reaction", <u>Science</u> 287: 2007-2010 (2000) |
| GA | 9 | Cao, et al., "Molecular Shuttles by the Protecting Group Approach", <u>J. Org. Chem.</u> 65: 1937-1946 (2000) |
| GA | 10 | Schindler, S. "Reactivity of Copper(I) Complexes Towards Dioxygen", <u>Eur. J. Inorg. Chem.</u> : 2311-2326 (2000) |
| GA | 11 | Kolb, et al., "Click Chemistry: Diverse Chemical Function from a Few Good Reactions", <u>Angew. Chem. Int. Ed. Engl.</u> 40: 2004-2021 (2001) |

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| EXAMINER <i>/Gertrude Arthur Jeanglaud/</i> | DATE CONSIDERED 02/13/2007 |
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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | | ATTY DOCKET NO. TSRI 890.1 | SERIAL NO. 10/516,761 | |
|--|----|--|------|-------------------------------|--------------------------------|--------------------------|----------------------------|
| | | | | | APPLICANT Sharpless, et al. | | |
| | | | | | FILING DATE 11/30/2004 | GROUP Not assigned | |
| U.S. PATENT DOCUMENTS | | | | | | | |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages) | | | | | | | |
| GA | 12 | Kiick, et al., "Incorporation of azides into recombinant proteins for chemoselective modification by the Staudinger ligation", <u>Proc. Natl. Acad. Sci. USA</u> 99: 19-24 (2002) | | | | | |
| GA | 13 | Chen, et al., "Selectivity in an Encapsulated Cycloaddition Reaction", <u>Org. Lett.</u> 4: 327-329 (2002) | | | | | |
| GA | 14 | Lewis, et al., "Click Chemistry In Situ: Acetylcholinesterase as a Reaction Vessel for the Selective Assembly of a Femtomolar Inhibitor from an Array of Building Blocks", <u>Angew. Chem. Int. Ed. Engl.</u> 41: 1053-1057 (2002) | | | | | |
| GA | 15 | Tornøe, et al., "Peptidotriazoles on Solid Phase: [1,2,3]-Triazoles by Regiospecific Copper(I)-Catalyzed 1,3-Dipolar Cycloadditions of Terminal Alkynes to Azides", <u>J. Org. Chem.</u> 67: 3057-3064 (2002) | | | | | |
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